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ZHUR OBSHCH KHIMII Vol XVIII, No 9, 1948

"Synthetic Research in a Series of Analogues of a Colchicine Alkaloid"

T. F. Dankova
L. G. Levdokimova
I. I. Stepanov
N. E. Preobrazhenskiy

National Institutes of Health Translation
On loan to OSI
7273.2 Zh...Kh
M.I.X...1948
RT-1510
30/49T13

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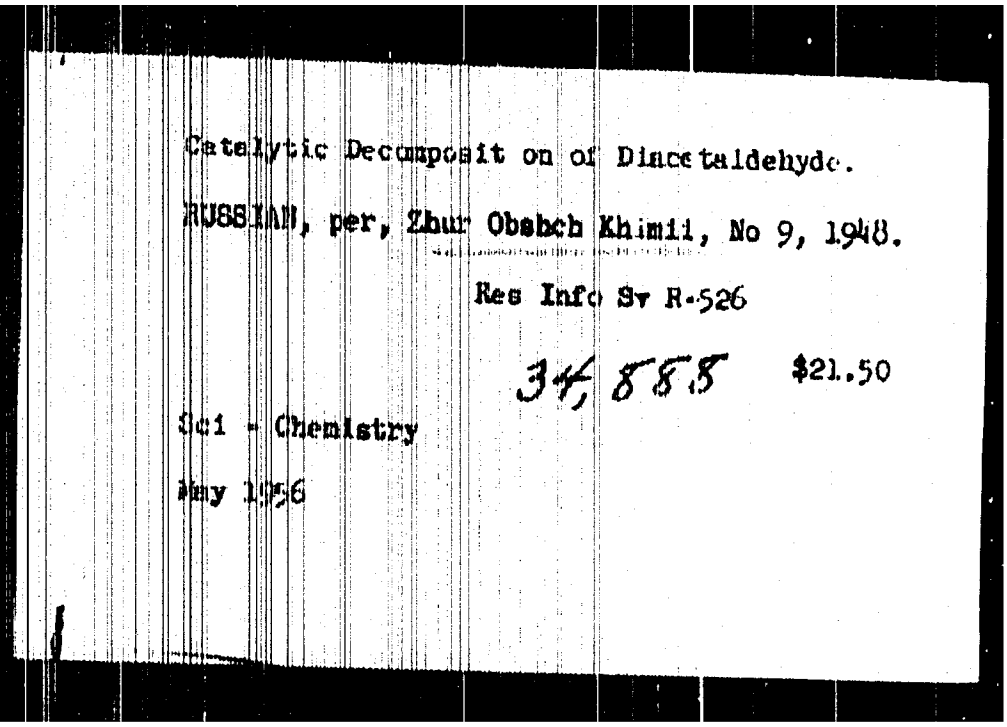

Catalytic Decomposit on of Dinc taldehyde.

RUSSIAN, per, Zhur Obshch Khimii, No 9, 1948.

Res Info Sv R-526

34,885 $21.50

Sci - Chemistry

May 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

On the Synthesis of Alkylnaphthalene With the Aid of Organic Lithium Compounds.

RUSSIAN, per, Zhur Obshch Khimii, No 9, 1948.

Res Info Sv - R-520

$19.00

Sci - Chemistry

34 857

May 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

On the Question of the Interaction of Chlorine with Carbon.

RUSSIAN, per, Zhur Obshch Khim i, No 9, 1948.

Res Info Sv - R-527

$21.25

Sci - Chemistry

34583

May 1956

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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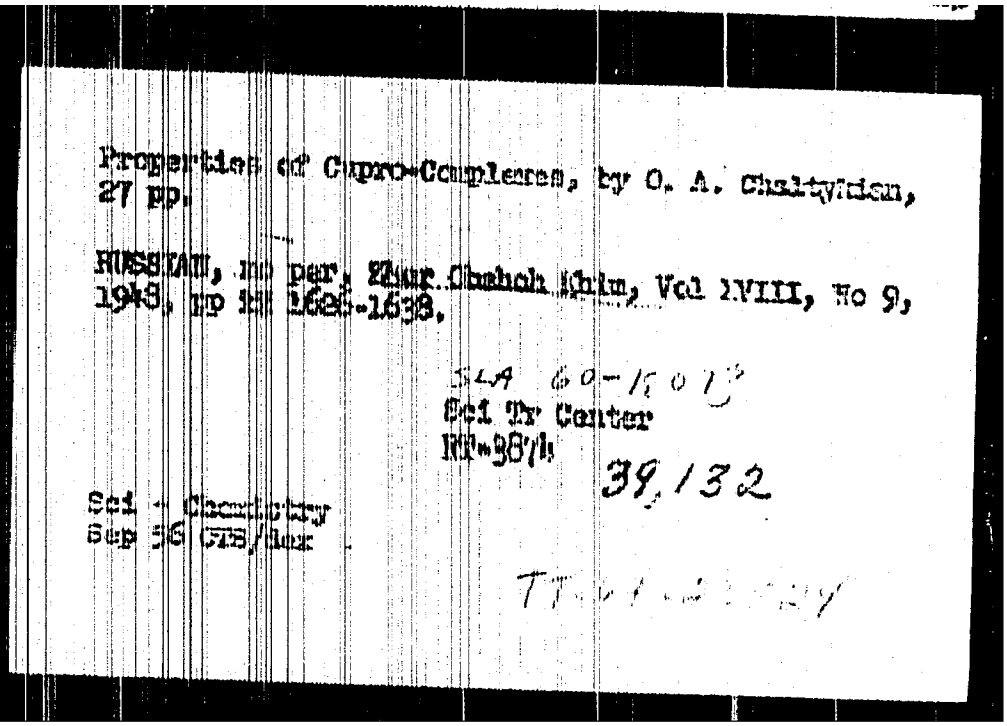

Properties of Cupro-Complexes, by O. A. Chaltykian, 27 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XVIII, No 9, 1948, pp 1621-1638.

SLA 60-1501
Sci Tr Center
RR-987h
39,132

Sci - Chemistry
Sep 56 CSB/lmr

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Free Energies of Bonds in Organic Compounds, by
V. B. Fal'kovskii.
RUSSIAN, per. Zh. Obshch. Khim, Vol 18, No 9,
1948, pp 1639-1642.
NLL 5828.4F (11697)

Sci - Chem
Sept. 67 340,155

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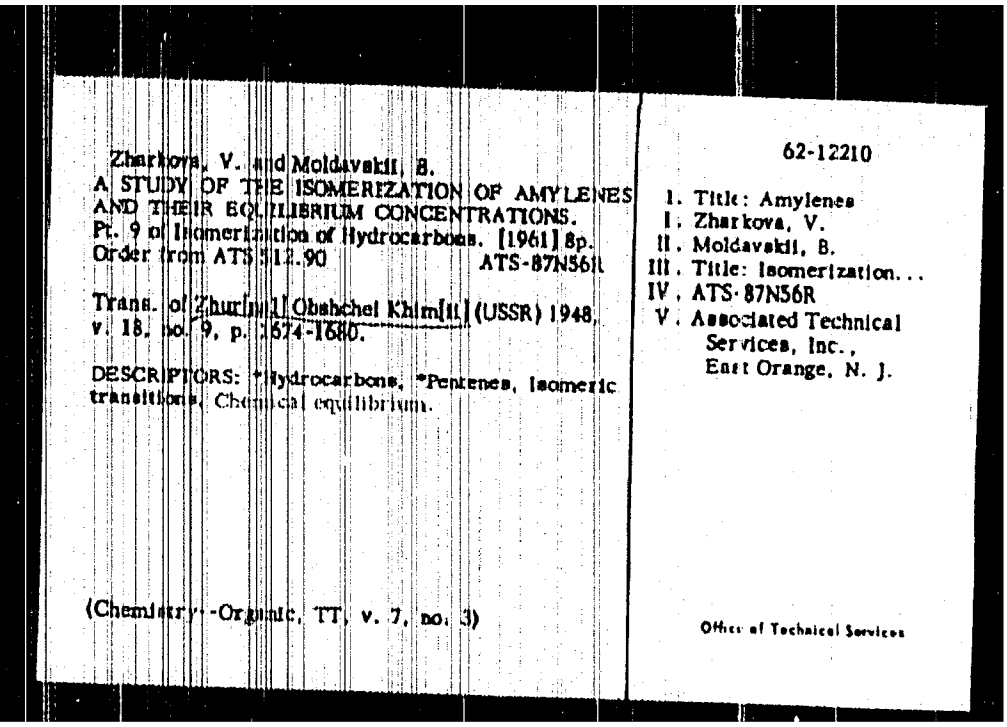

Zharkova, V. and Moldavskii, B.
A STUDY OF THE ISOMERIZATION OF AMYLENES AND THEIR EQUILIBRIUM CONCENTRATIONS.
Pt. 9 of Isomerization of Hydrocarbons. [1961] 8p.
Order from ATS 12.90 ATS-87N56R

Trans. of Zhurnal Obshchei Khimii (USSR) 1948, v. 18, no. 9, p. 1674-1680.

DESCRIPTORS: *Hydrocarbons, *Pentenes, Isomeric transitions, Chemical equilibrium.

(Chemistry--Organic, TT, v. 7, no. 3)

62-12210

I. Title: Amylenes
I. Zharkova, V.
II. Moldavskii, B.
III. Title: Isomerization...
IV. ATS-87N56R
V. Associated Technical Services, Inc., East Orange, N. J.

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Polycyclic Compounds. VIII. Benzonaphthenone Nitrosobride, by A. M. Lukin, L. D. Dashevskaya, 11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XVIII, No 9, 1948, pp 1703-1709.

24,685

Sci Trans Center
RT-2404

Scientific - Chemistry Sep 55 CTS/DMX

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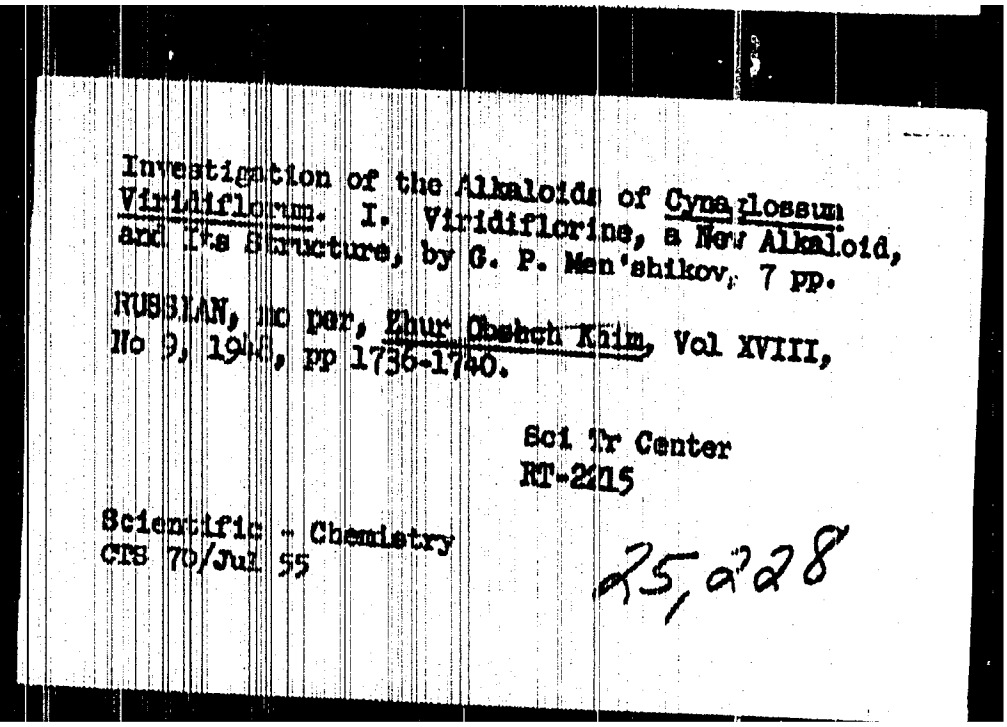

Investigation of the Alkaloids of Cynoglossum Viridiflorum. I. Viridiflorine, a New Alkaloid, and Its Structure, by G. P. Men'shikov, 7 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XVIII, No 9, 1948, pp 1736-1740.

Sci Tr Center
RT-2215

Scientific - Chemistry
CIS 70/Jul 55

25,228

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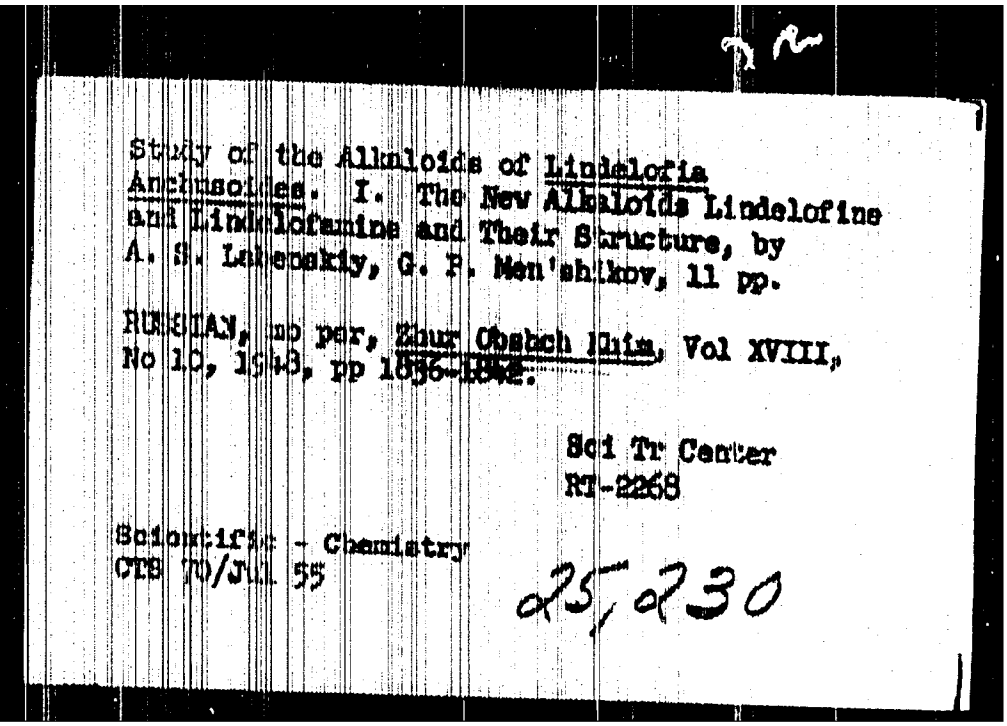

Study of the Alkaloids of Lindelofia Anchusoides. I. The New Alkaloids Lindelofine and Lindelofamine and Their Structure, by A. S. Lakeenkiy, G. P. Men'shikov, 11 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XVIII, No 10, 1948, pp 1836-1842.

Sci Tr Center
RT-2268

Subject: - Chemistry
CTS 70/JUL 55

25,230

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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Transformation of Simple Vinyl Ethers. III.
Interaction of Simple Vinyl Ethers and Organic Acids.
by N.A.Gershtein and M.F.Shostakovskii
RUSSIAN, per, Zhurnal Obshchel Khimii, 1948, vol.18,
no.11, pp.1989-1999
SLA-TT-64-20462

Chem
Aug 66

307,779

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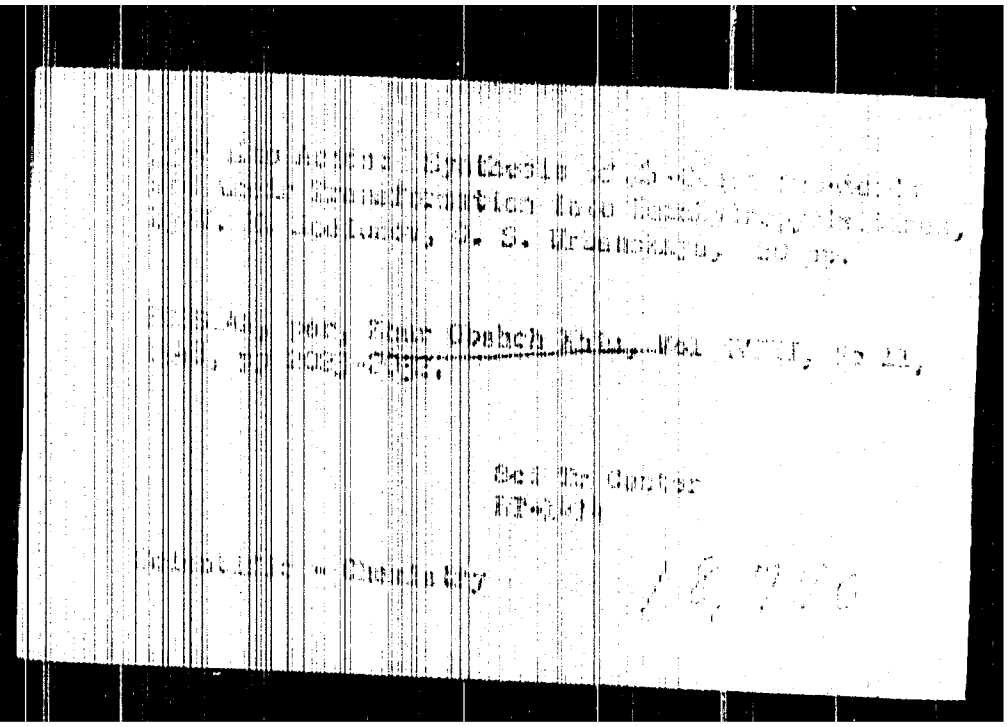

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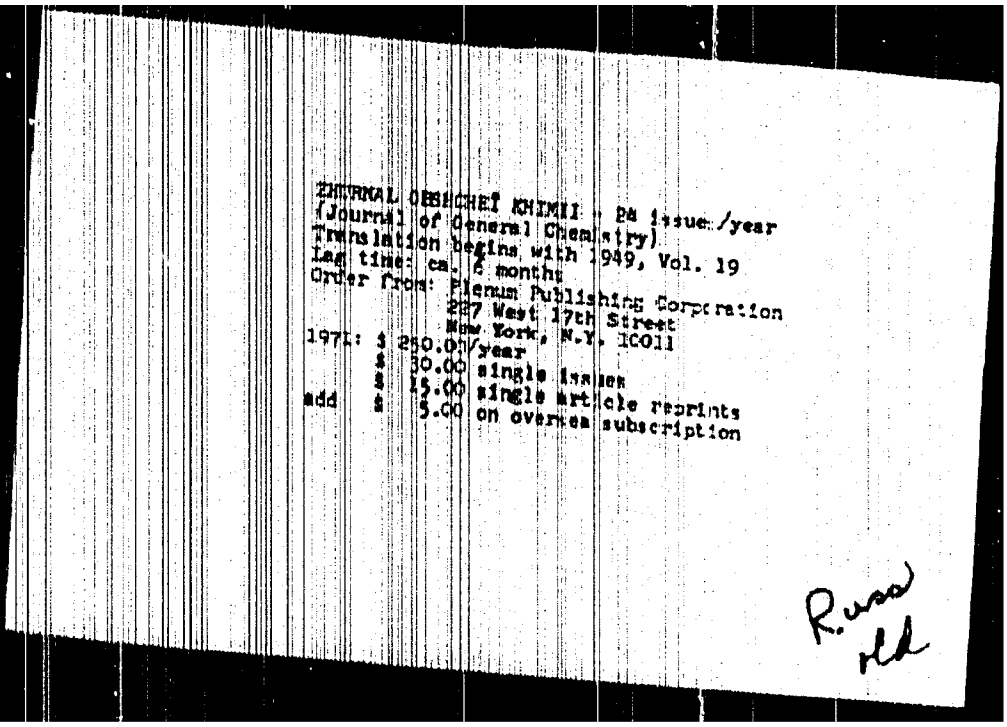

ZHURNAL OBSHCHEI KHIMII - 12 issues/year
(Journal of General Chemistry)
Translation begins with 1949, Vol. 19
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

The Preparation of Boron Trifluoride by Acidic Methods, by I. G. Ryss, E. M. Polyakova, 9 p.

RUSSIAN, pub, Zhur Obshchey Khim, 1949, Vol XIX, No 9, pp 1596-1603.

ATD-6kL32R

Sci
Jan 60
Vol 2, No 3

105571

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Kirsanov, A.V., and Zolotov, Yu.M.
EEN NIEUWE METHODE VOOR DE OMZETTING VAN AMIDEN VAN CARBONZUREN IN NITRILEN (New method of transformation of carboxamides into nitriles) tr. by G.J.M. Fritschy. 5 p. 5 refs. MTWL:481.
Order from OTS or ETC $0.80 61-17000

Partial trans. of Zhurnal Obshchei Khimii (USSR) 1950, v.20, p.284-288.

61-17000

1. Cyanides
2. Amides
I. Kirsanov, A.V.
II. Zolotov, Yu.M.
III. MTWL 481
IV. Stichting Mosiak oegenke lijke Wetenschappelijke Literatuur

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Reactions With Aluminium Chloride Obtained According to Radzivanovskiy. Condensation of Benzene With Some Aliphatic Unsaturated Halogen Derivatives and Polyhalogenated Compounds, by D. N. Dolgov, N. A. Larin, 13 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XX, 1950, pp 450-457.

CTS 61-17174

Sep
May 52

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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Belles, R. G. and Postovskii, I. Ya.
DE BEREIDING VAN NAFHTACEEN (Preparation of naphtacene). 7 p. Trefw. MTWI 461 (Text in Dutch)
Order from: OTS or ETC $1.85 61-17026

Trans. of Zhurnal Obshchei Khimii. (USSR) 1950, v. 20, no. 3, p. 518-521.

DESCRIPTORS: *Naphtacenes, Preparation.

61-17026

I. Belles, R.G.
II. Postovskii, I.Ya.
III. MTWI -461
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

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Levina, R. Ya., Skvarchenko, V. R., and others.
SYNTHESE VAN KOOLWATERSTOFFEN. X. GE-
DEELTELIJKE REDUCTIE VAN DIEEN KOOLWATER-
STOFFEN MET EEN GECONJUGEERD SYSTEEM VAN
DUBBELE BINDINGEN MET NATRIUM IN VLOEIBARE
AMMONIAK. (Synthesis of Hydrocarbons. X. Partial
Reduction of Diene Hydrocarbons with a Conjugated
Double Bond System by Means of Sodium in Liquid
Ammonia.) Alp. Lit refs. MTWL: 358. (text in Dutch).
Order from OTS or ETC $1.55 61-17619

Trans. of Zhurnal Obshchei Khimii (USSR) 1950,
v. 20, no. 4, p. 684-689.

DESCRIPTORS: *Hydrocarbons, *Reduction, Sodium,
Ethylenes, Ammonia, Liquids.

61-17619

I. Levina, R. Ya.
II. Skvarchenko, V. R.
III. MTWL-358
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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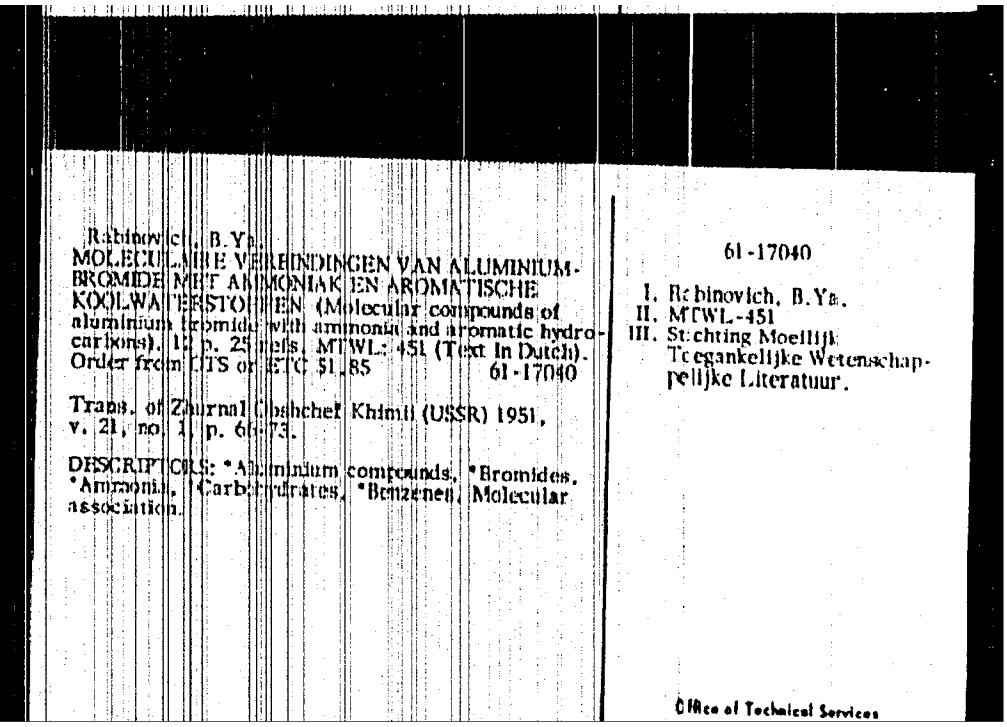

Rabinowitch, B.Ya.
MOLECULAIRE VERBINDINGEN VAN ALUMINIUM-BROMIDE MET AMMONIAK EN AROMATISCHE KOOLWATERSTOFFEN (Molecular compounds of aluminium bromide with ammonia and aromatic hydrocarbons). 12 p. 25 refs. MTWL-451 (Text in Dutch). Order from CTS or ETC $1.85 61-17040

Trans. of Zhurnal Obshchei Khimii (USSR) 1951, v. 21, no. 1, p. 66-73.

DESCRIPTORS: *Aluminium compounds, *Bromides, *Ammonia, *Carbohydrates, *Benzenes, Molecular association.

61-17040

I. Rabinovich, B.Ya.
II. MTWL-451
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

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[redacted]

Index, 61 pp.

RUSSIAN, per, Zhur Obshch Khimii, Vol XXI, 1951.

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Investigation of the [illegible] Isomerization and Polymerization Process of Dimethylvinylcarbinol as a Function of the pH of the Reagent[illegible], by A. I. Lebedeva, L. L. [illegible]ovskaya, 9 pp.

[illegible], per., Zhur Obshch Khim, Vol XXI, 1951, pp 1139-1139.

ATD-RJ142

Bel

Aug 59

93,597

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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Terentev, A. P. and Kost, A. N.
SYNTHESES WITH ACRYLONITRILE. XIV. PREPARATION OF SUCCINODINITRILE. [1961] 4p. 10 refs.
Order from OTS or SLA $1.10 61-18831

Trans. of "Zhurnal Obshchei Khimii" (USSR) 1951, v. 21 [no. 10] p. 1867-1869.

DESCRIPTORS: *Acrylonitriles, Synthesis, *Nitriles, Synthesis, Potassium compounds, Magnesium compounds, Sulfates.

A method is given for obtaining succinodinitrile (80-85% yield) by the action of acrylonitrile on a saturated aqueous solution of a mixture of KCN and $MgSO_4$. In the case of acrylonitrile it is shown that HCN can be replaced very satisfactorily in practical work by a mixture of a solution of $KCN + MgSO_4$. (Author)

(Chemistry--Organic, TT, v. 6, no. 9)

61-18831

I. Terentev, A. P.
II. Kost, A. N.
III. Title: Preparation...

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Index to the Periodical, The Journal of General Chemistry of the USSR, 72 pp.

RUSSIAN, mp per, Zhur Obshch Khim, Vol XXIII, 1953.
CIA C 41478

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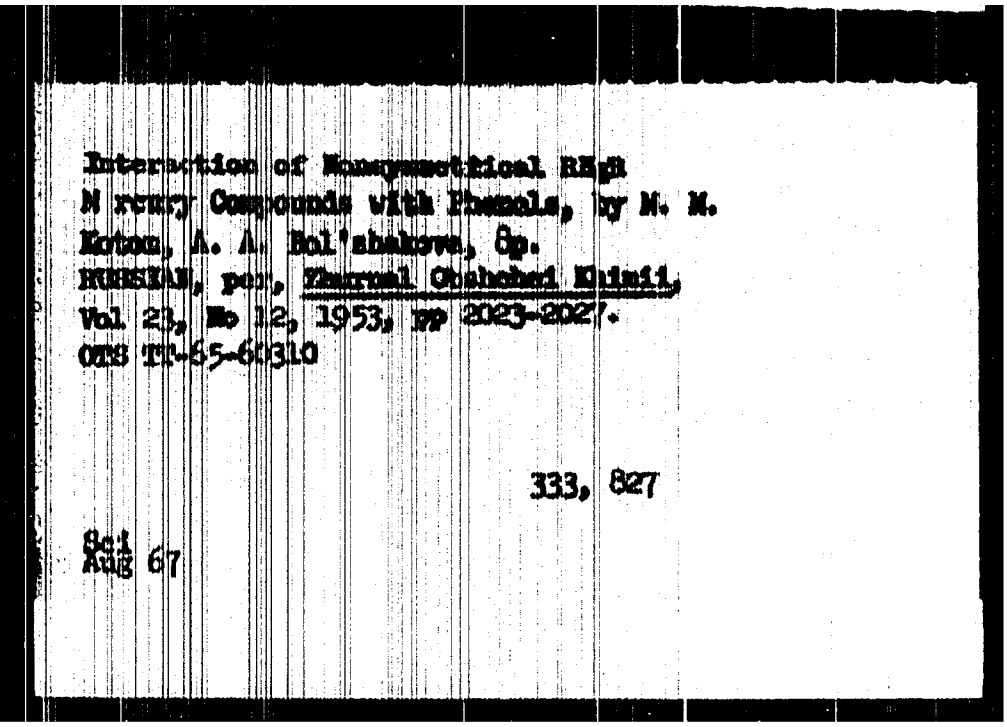

Interaction of Nonconjugated Alkyl N ryl Compounds with Phenols, by M. M. Koton, A. A. Bol'shakova, 6p.
RUSSIAN, per, Zhurnal Obshchei Khimii, Vol 23, No 12, 1953, pp 2023-2027.
OTS TT-65-60310

333, 827

Sci
Aug 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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Toropova, V. F.
THIOSULFATE COMPLEXES OF MERCURY. 11p.
13 refs. MTWL: 741.
Order from OTS or ETC $1.55 61-17271

Trans. of Zhurnal Obshchei Khimii (USSR) 1954, v. 24, no. 3, p. 423-427.

DESCRIPTORS: *Mercury compounds, Complex compounds, *Thiosulphates, Polarographic analysis.

61-17271

I. Toropova, V. F.
II. MTWL-741
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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The Transformation and Synthesis of Carbohydrates
Report XI. Study of the Oxidation of Ketoses, by
V. M. Berezovskiy, L. I. Spreschanova, 8 pp.

[illegible], per, Zhur Obshch Khim (USSR), Vol XXIV,
No 5, 1954, pp 855-858.

LC or SLA 59-10014

Sci - Chemistry
Feb 59

1.80

81,532

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Vol 26, Nos 7-12, 1956
Vol 27, Nos 1-12, 1957
Vol 28, Nos 1-9 , 1958

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S-171/60 (DC-3524).

The Hydrogen Exchange of Phenol, Its Ethers, and Aromatic Amines With Liquid DBr, by A. I. Shatenshteyn, et al, 12 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 10, 1958, pp 2638-2644.

JPRS 3374

118,666

Sci - Chem
Jun 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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S-172/60 (DC-3524).

Hydrogen Exchange of Phenol and Its Ethers With Solutions of Potassium Amide in Liquid Deutero-ammonium, by A. I. Shatenshteyn, A. V. Vedeneyev, 14 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 10, 1958, pp 2644-2652.

JPRS 3375

118,667

Sci - Chem
Jun 60

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Dehydrogenation Kinetics of Cyclohexane and Its Homologs on a Chromia Catalyst at Atmospheric Pressure, by G. M. Maslyanskiy, N. B. Bursian.

RUSSIAN, Per, Zhur Obshch Khim, Vol XXVIII, No 10, 1958, pp 2656-2662.

ATS RJ-1505

Sci - Chem
Jul 59

90,440

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

The Investigation of Structural Properties and Chemical Transformations of Carbazole and Some of Its Derivatives, by S. I. Omelchenko, Z. V. Pushkareva, 9 pp. MCL

ZHURNAL, per, Zhur Obshch Khim, Vol XXVIII, No 10, 1958, pp 2706-2710. 9660720

ATIC MCL-254/III

Sci - Chem

Apr 61

Talacon IC 44547

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Vol 29, Nos 1-12, 1959
Vol 30, Nos 1-11, 1960

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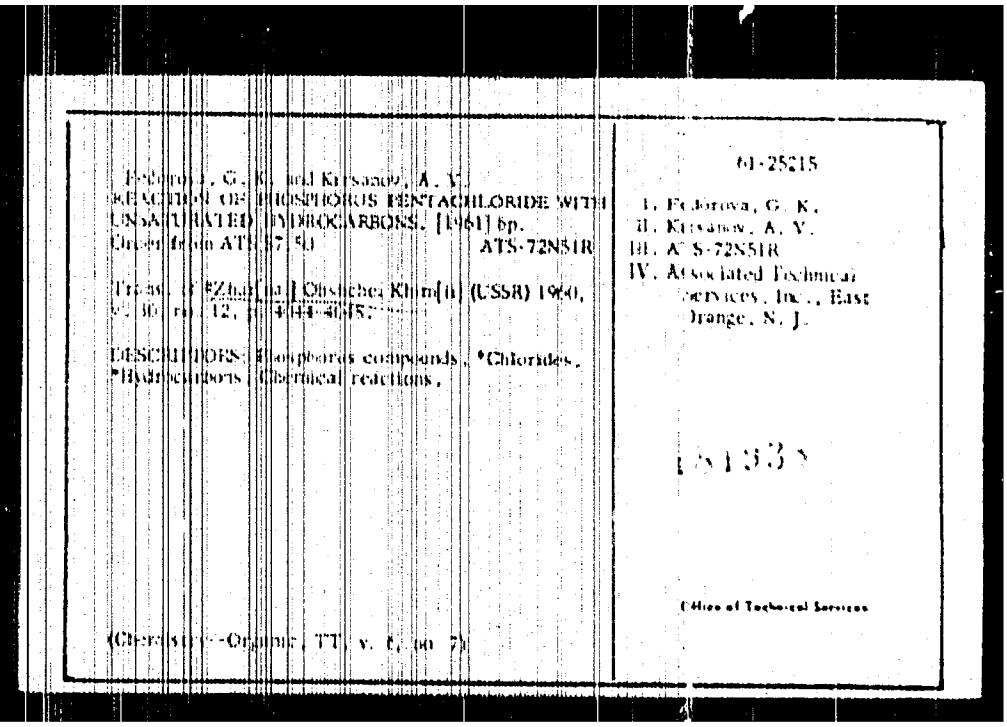

Fedorova, G. K. and Kirsanov, A. V.
REACTION OF PHOSPHORUS PENTACHLORIDE WITH UNSATURATED HYDROCARBONS. [1961] 6p.
Orig. lang: Russ. ATS-72N51R

Trans. of: Zh. obshch. Khim. (USSR) 1960, v. 30, no. 12, p. 4044-4045.

DESCRIPTORS: Phosphorus compounds, *Chlorides, *Hydrocarbons, Chemical reactions.

(Cross ref: Organic, TT, v. 5, no. 7)

61-25215

I. Fedorova, G. K.
II. Kirsanov, A. V.
III. ATS-72N51R
IV. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Yarovenko, N. N. and Motornyi, S. P.
METHODS OF PREPARATION OF FLUORINE ANALOGS OF DICHLOROFORMALDEHYDE OXIME.
7 Mar 60 [7]p. 6 refs.
Order from OTS or SLA $1.10 61-18808

Trans. of [Zhur[nal] Obshchei Khim[ii] (USSR) 1960, v. 30, no. 12, p. 4063-4069.

DESCRIPTORS: Preparation, *Fluorine, *Chlorides, *Oximes, *Formaldehyde, Chemical reactions, Reduction, Nitroso radicals, *Sulfonyl radicals.

Experiments established that on reaction of Cl_2FCSCl and ClF_2CSCl with HNO_3, the corresponding nitroso compounds and sulfonyl chlorides are formed. $ClFCNOH$ can be obtained (in ether solution) by the reaction of Cl_2FCNO with H_2S.

(Chemistry--Organic, TT, v. 6, no. 9)

61-18808

I. Yarovenko, N. N.
II. Motornyi, S. P.

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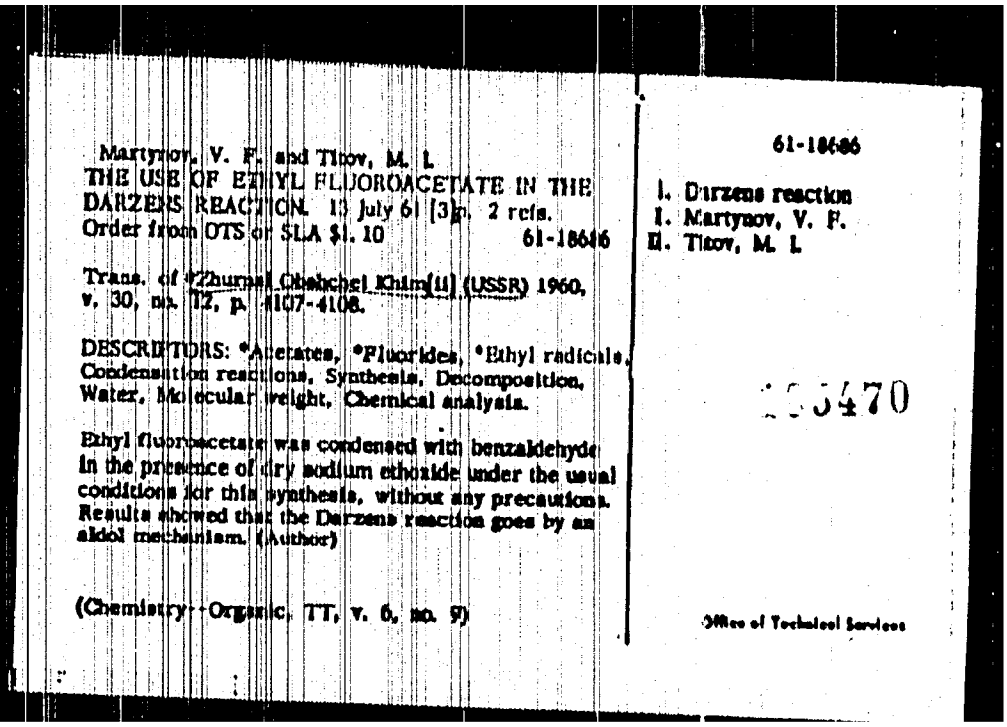

Martynov, V. F. and Titov, M. I.
THE USE OF ETHYL FLUOROACETATE IN THE DARZENS REACTION. 13 July 61 [3]p. 2 refs.
Order from OTS or SLA $1.10 61-18646

Trans. of Zhurnal Obshchei Khimii (USSR) 1960, v. 30, no. 12, p. 4107-4108.

DESCRIPTORS: *Acetates, *Fluorides, *Ethyl radicals, Condensation reactions, Synthesis, Decomposition, Water, Molecular weight, Chemical analysis.

Ethyl fluoroacetate was condensed with benzaldehyde in the presence of dry sodium ethoxide under the usual conditions for this synthesis, without any precautions. Results showed that the Darzens reaction goes by an aldol mechanism. (Author)

(Chemistry--Organic, TT, v. 6, no. 9)

61-18646

I. Darzens reaction
I. Martynov, V. F.
II. Titov, M. I.

23470

Office of Technical Services

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ZHURNAL OBSHCHEY KHIMII

Vol 31, Nos 1-12, 1961
Vol 32, Nos 1-12, 1962

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Compounds With a Potential Antituberc.lar Activity
VI. Thioamide Amidoximes, Amidrazones and S-Oxides
of Certain Heterocyclic Acids, by T. P. Sycheva,
T. K. Trupp, 9 pp.
RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, 1962,
pp 3669-3674.
CIA/FDD XXXX-1519
NO FOREIGN DISSEM

Scl - Chem
Apr 64
[redacted]
USIB Internal Use Only 255,171

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ZHURNAL OBSHCHEY KHIMIY

Vol 33, Nos 11 & 12, 1963

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Vol 33, No 11, 1963, pp 3455-3460 JPRS 22794 9 pp

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ZHURNAL OBSHCHEY KHIMIY

Vol 34, No 1-3, 1964

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Available at Library Serials

Vol 34, No 5, 1964, pp 1693-1695 FTD-TT-64-1050 11 pp
9695846

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ZHURNAL OBSHCHEY KHIMII

Vol 34, No 10-12, 1964

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

/ Zhurnal Prik Khim, XX 997-1004, 1947

Decomposition of Mixtures of Hydrocarbons in an Arc Discharge

A. F. Bobrynskiy and A. D. Kokurin (Leningrad Technological Inst.)

(Wilson Dam 2684)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Vinyl Formate, by S. N. Ushakov, I. A. Arbuzova, E. M. Rostovskiy, 10 pp.

RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol XX, No 10, 1947, pp 1013-1018.

Sci Trans Center RT-3404

32,695

Scientific - Chemistry

Apr 56

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Zhur Prik Khim, XX, 1053-82 (1947)

Technology of Fertilizers and Sulfuric Acid in the USSR f
for 30 years

S. I. Vol'fkovich and A. M. Dubovitskiy

(Wilson Dam 2728)

SLA R-3021

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

VOLDVIZHENSKII, G. S.

Zhurnal prikladnoi khimii, vol. 20, No. 9, 1 table, 2600 words; 1947.

Mechanism of the Electrodeposition of Nickel.

Brutcher Trans. Order No. 2144, $4.55.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Nikitin, N. I.
SUCCESSES OF SOVIET WOOD CHEMISTRY DURING THE PAST THIRTY YEARS. 25p. 64 refs. MTWL-107. (text in Dutch).
Order from OTS or PTC $1.95 61-17821

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1947, v. 20, no. 11, p. 1083-1096.

DESCRIPTORS: USSR, *Wood, *Chemistry.

61-17821

I. Nikitin, N. I.
II. MTWL-107
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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Physicochemical Investigations in the Field of the Ammonia-Soda Process. VI. Dependence of Velocity of Absorption of Ammonia-Salt Solutions on Partial Pressure of CO_2 in Carbonizing Gas, by A. P. Nikolaev, Leningrad, 23 pp.

[illegible], P. P., Zhur Prik Khim, Vol XX, No 11, 1947, pp 1133-1144.

Sci Tr Center
FT-1592

Inorganic - Chemistry

CMB/DEX 18,786

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On the Mechanism of the Setting and Hardening of Puzzolanic Cements, by Yu. G. Shteynberg, 5pp.

RUSSIAN, Zhur Prik Khim, Vol 20, No 11, 1947, pp 1165-70.
See Watford: Building Research Station.
BRL Comm No 312.

Sci Museum No 51/2750

Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

The Behaviour of Sulphated High-Alumina Cement Exposed to Chemical Agents, by P. P. Budnikov, I. G. Goldumberg.

RUSSIAN, Per, Zhur Prik Khim, Vol XX, No 11, 1947.

Sci Mus Lib 50/1013

Scientific - Chemistry

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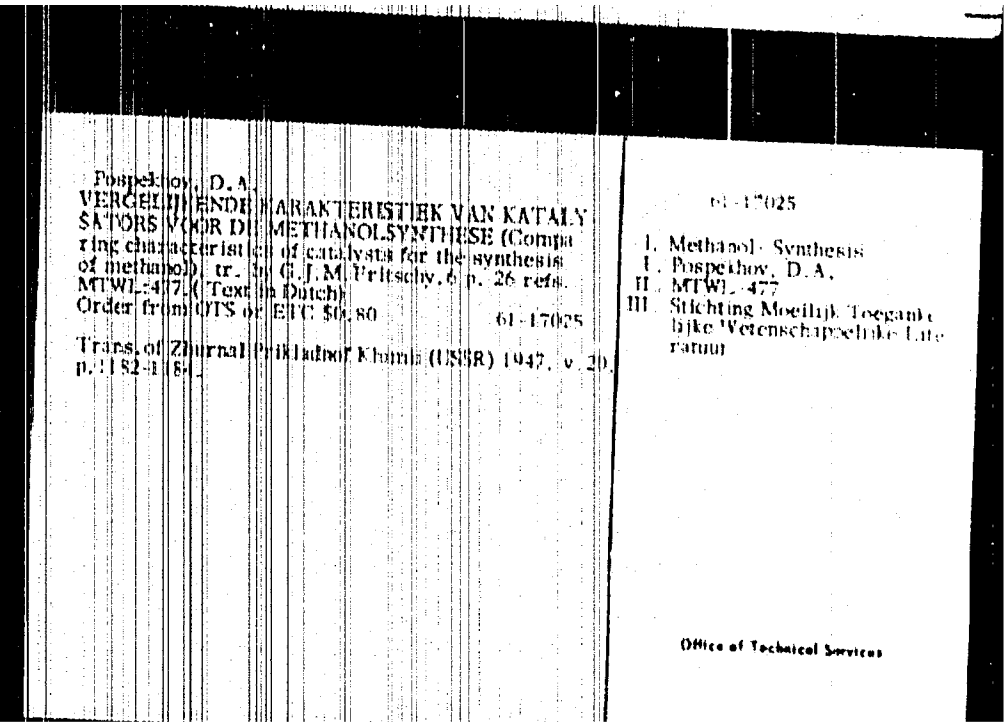

Pospelchov, D.A.
VERGELIJKENDE KARAKTERISTIEK VAN KATALY
SATORS VOOR DE METHANOLSYNTHESE (Compa
ring characteristics of catalysts for the synthesis
of methanol) tr. by G.J.M. Pritschy. 6 p. 26 refs.
MTWL-477. (Text in Dutch)
Order from OTS or ETC $0.80 61-17025

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1947, v. 20,
p. 1182-1186.

61-17025

I. Methanol - Synthesis
I. Pospelchov, D.A.
II. MTWL-477
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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[redacted]

Physicochemical Investigations in the Field of the Ammonia-Soda Process. VII. Application of Theory of Absorption, Complicated by Chemical Reactions in the Liquid Phase, to Carbonization of Ammonia-Brine Solutions, by A. P. Belopol'skiy, 16 pp.

[redacted], Zhur Prik Khim, Vol XX, No 11, 1947, pp 1245-1254.

Sci Tr Center
NT-1574

[redacted] Chemistry

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Chemistry

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Stability of Industrial Ammoniacal Copper Solutions, by K. P. Mavlov and I. I. Lopatin.

Full translation.

SUBSTN, no per, Zhur Prik Khim, Vol XX, No 12, 1947, pp 1283-1290.

Assoc Tech Sv Tr RJ-83

Scientific - Chemistry

Mar 53 CIS $24.00 ($3.50)

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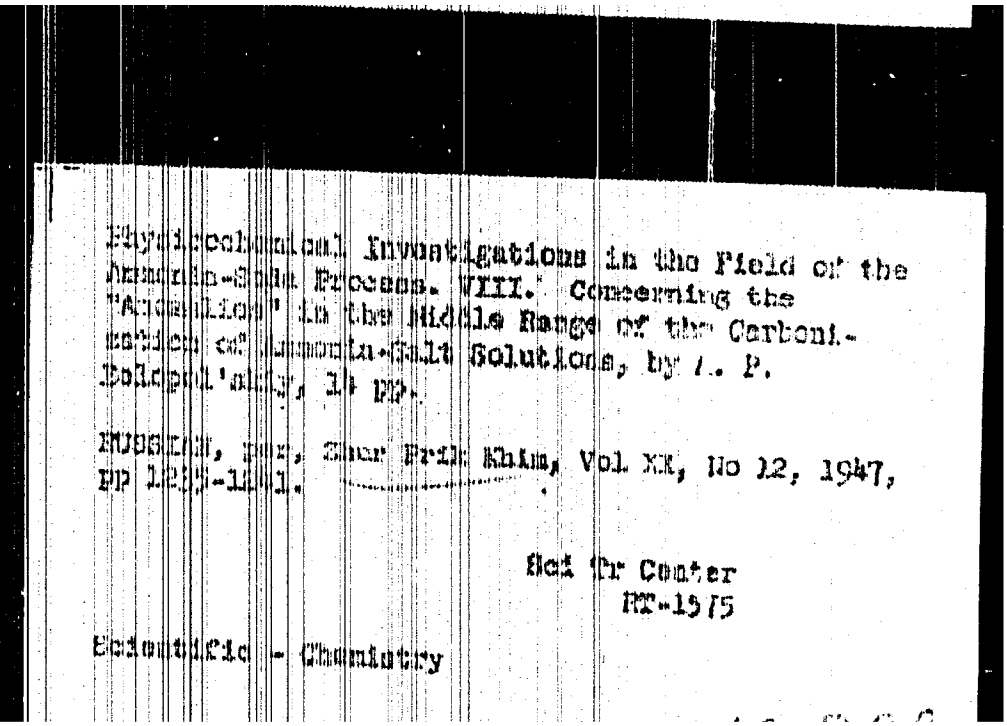

Physicochemical Investigations in the Field of the Aluminum-Silica Process. VIII. Concerning the "Aluminum" in the Middle Range of the Carbonate-Aluminum-Salt Solutions, by I. P. Bolshpol'skiy, 14 pp.

Zhur Prik Khim, Vol XX, No 12, 1947, pp 1295-1301.

Nat Sr Center
MT-1975

Subject Field - Chemistry

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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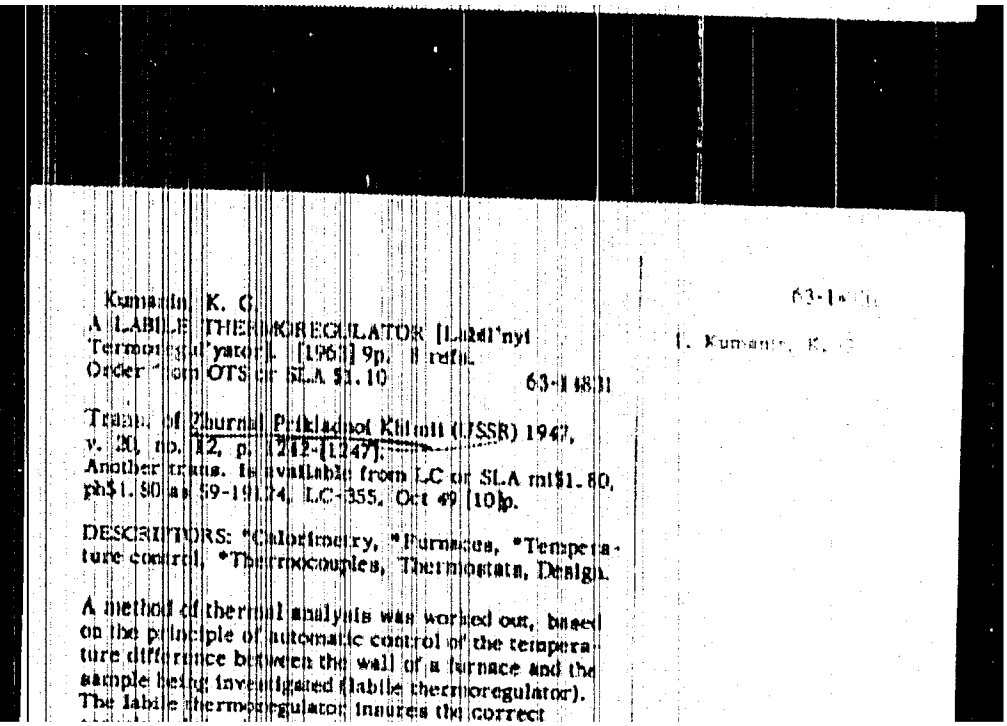

Kumanin, K. G.
A LABILE THERMOREGULATOR [Labil'nyi
Termoregulyator]. [1961] 9p. 8 refs.
Order from OTS or SLA $1.10 63-14831

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1947,
v. 20, no. 12, p. 1241-[1247].
Another trans. is available from LC or SLA ml$1.80,
ph$1.80 as 59-19124, LC-355, Oct 49 [10]p.

DESCRIPTORS: *Calorimetry, *Furnaces, *Temperature control, *Thermocouples, Thermostats, Design.

A method of thermal analysis was worked out, based on the principle of automatic control of the temperature difference between the wall of a furnace and the sample being investigated (labile thermoregulator). The labile thermoregulator insures the correct

63-1[illegible]

I. Kumanin, K. G.

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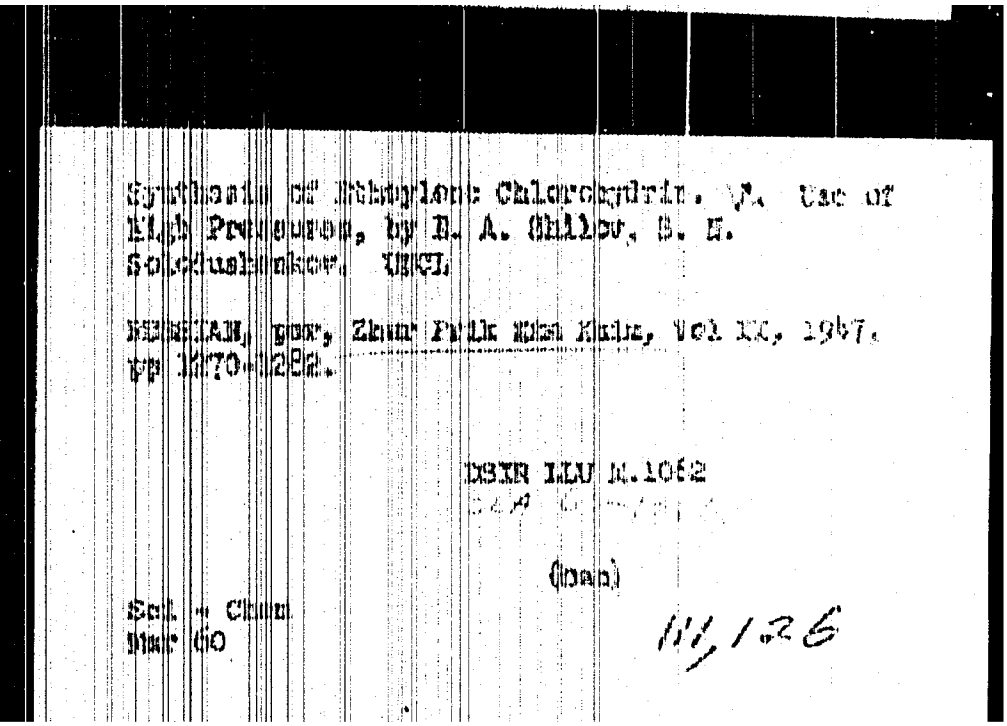

Synthesis of Ethoglam: Chloroglrin. V. Use of
High Pressure, by R. A. Gillow, E. E.
Schumaker, USCI.

REACTAN, gor, Zhur Prik Khim, Vol XX, 1967.
pp 1270-1282.

DBIR ILU M.1062

(Dan)

Sol. + Chem.
Mar 68

111/126

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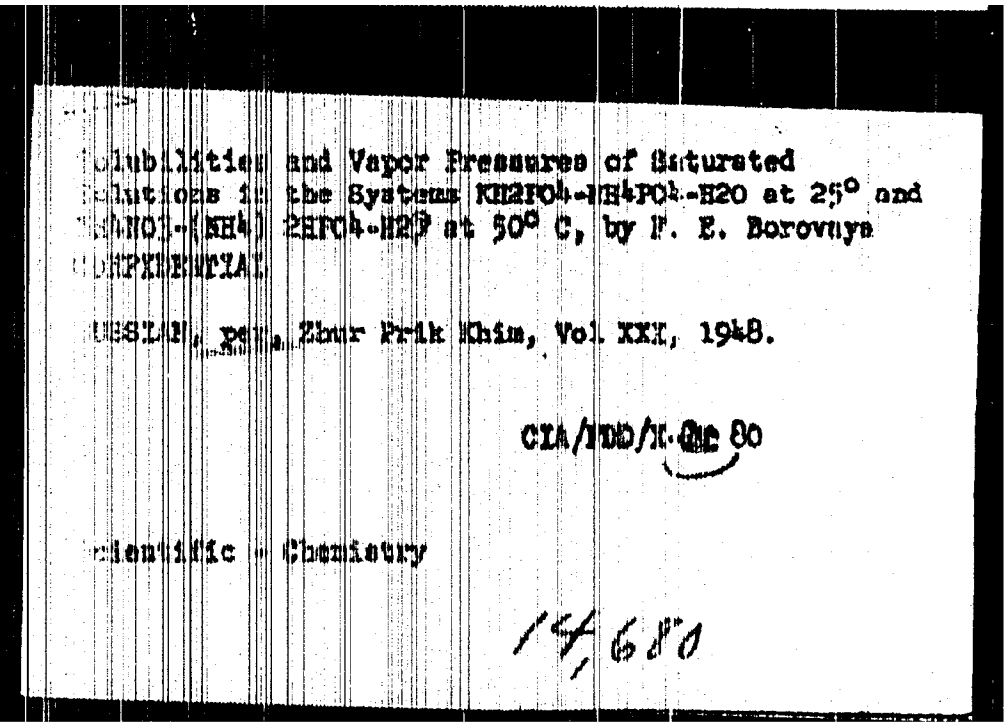


[illegible]lubilities and Vapor Pressures of Saturated
[illegible]lutions in the Systems KH2PO4-NH4PO3-H2O at 25° and
[illegible]KNO3-(NH4)2HPO4-H2O at 50° C, by P. E. Borovnyn
[illegible]EXPERIMENTAL

[illegible]ESKIY, [illegible], Zhur Prik Khim, Vol XXI, 1948.

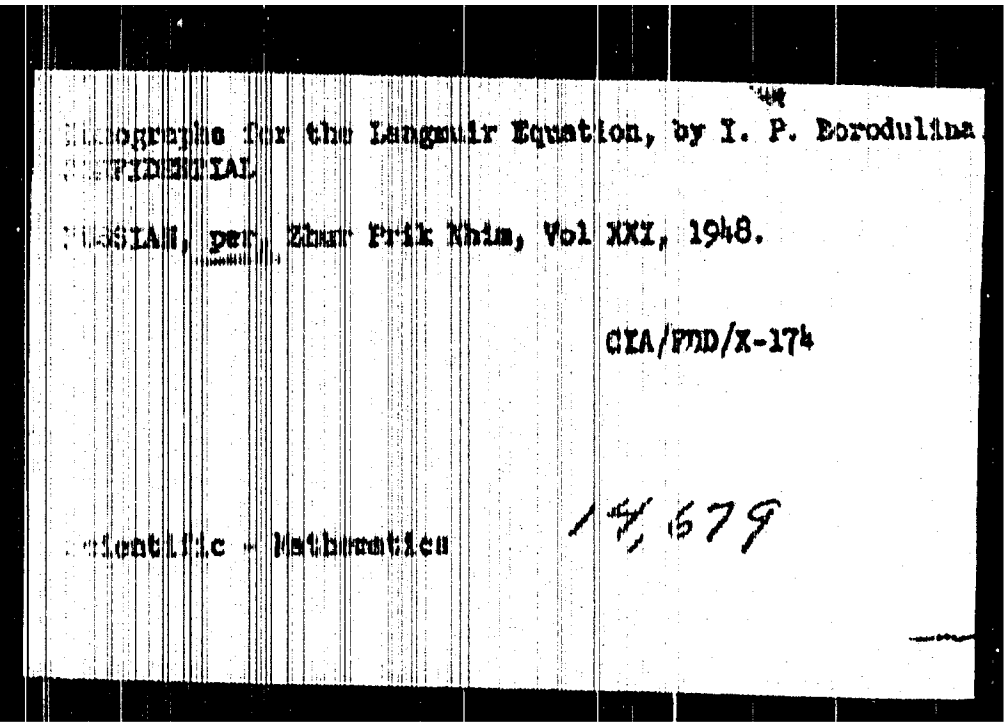
CIA/MDB/R.Qe 80

[illegible]entific - Chemistry

14,680

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0



Monograph for the Langmuir Equation, by I. P. Borodulina
CONFIDENTIAL

RUSSIAN, per, Zhur Prik Khim, Vol XXI, 1948.

CIA/FDD/X-174

Scientific - Mathematics

14,679

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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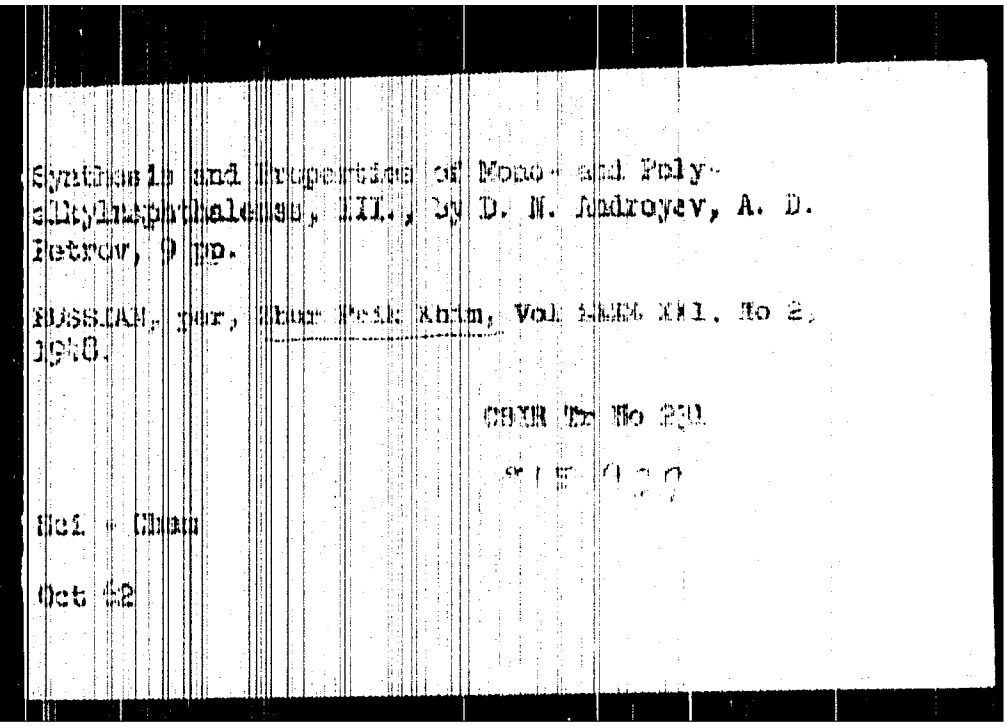

Synthesis and Properties of Mono- and Poly-
alkylnaphthalenes, III., by D. N. Andreyev, A. D.
Petrov, 9 pp.

RUSSIAN, pub, Izv Vses Khim, Vol XMM XII, No 2,
1967.

CHXR Dec 68

Mol + Chem

Oct 68

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Polymorphous Transformation Of Calcium Orthosilicate, by F.I. Vasenin.

RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol XXVIII, No 1, 1948, pp 10-17.

CSIRO

Oct. 52

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VOSKRESENSKAYA, N. K.

Zhurnal Prikladnoi Khimii, vol. 21, No. 1, 3 figures, 4 tables, 4,400 words; 1948.

Heat Capacity of Mixtures of Sodium and Potassium Nitrites and Nitrates.

Brutcher Trans, Order No. 2153, $7.70.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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Polymorphic Transformations of Calcium
Orthophosphate, by P. I. Vasenin, 9 pp.

[RUSSIAN], per, Zhur Prik Khim, Vol XXI, 1948,
pp 10-17.

EK SLA R-2604

Sci - Chem

Jun 59

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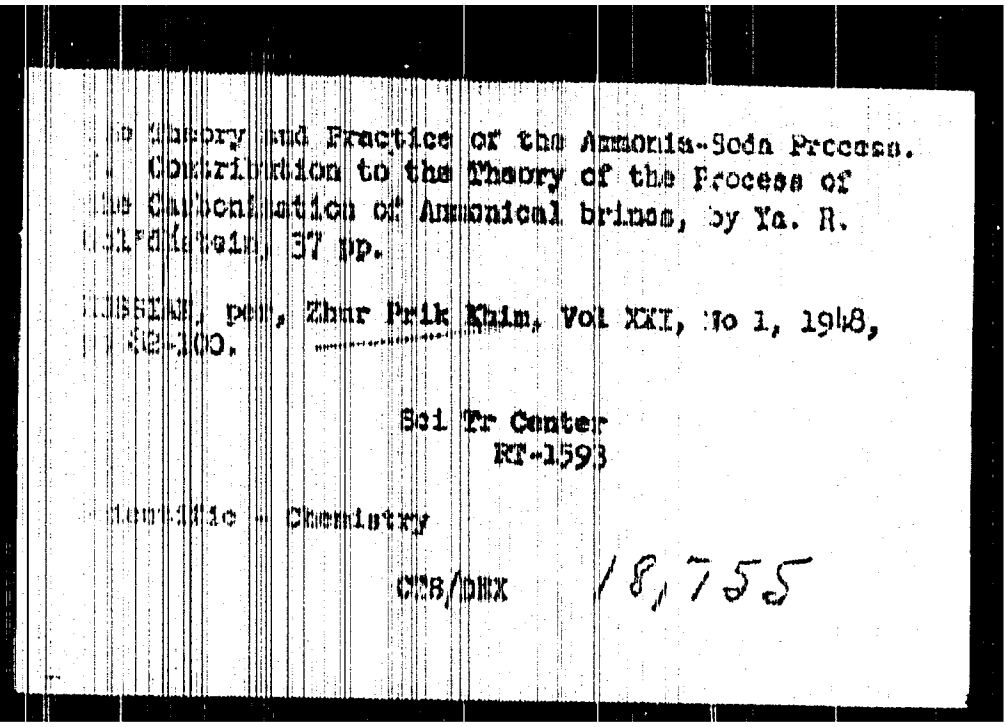

Theory and Practice of the Ammonia-Soda Process.
Contribution to the Theory of the Process of
the Carbonization of Ammonical brines, by Ya. R.
Kalfkhein, 37 pp.

[illegible], per, Zhur Prik Khim, Vol XXI, No 1, 1948,
[illegible]-100.

Sci Tr Center
FT-1593

[illegible] Chemistry

CSB/DMX 18,755

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Acetylation of Alpha-cyanohydrins, by A. IA. Yakubovich, V. A. Ivashenko, E. N. Markulova, 12 pp.

RUSSIAN, per. Zhur. Prikladnoi Khim., Vol XXI, No 2, 1948, pp 151-155.

Sci Trans Center RT-2567

USSR
Scientific -- Chemistry

AP 8,269

Nov 55
CTM/DEX

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Pozin, M. E.
THE THEORY OF CHEMICAL ABSORPTION. X. THE CRITERIAL EQUATION OF MASS TRANSFER THROUGH THE DIFFUSION LAYER OF GAS IN THE PROCESS OF SCRUBBER ABSORPTION [Teoriya Khemosorbtsii. X.] [1963] [16p] 5refs
Order from OTS, U.S.A. or ETC $1.60 TT-63-20164

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1948, v. 21, no. 3, p. 218-226. (Abstract available)

DESCRIPTORS: *Absorption, *Towers (Chemistry), Transport properties, Diffusion, Gases, Equations,

The task of the experimental study was to verify the finding from the experimental data of the function $Nu'_g = f(Re'_g, Pr'_g)$ with the aim of verifying the functional kinds, which determine the magnitude of the partial coefficient of absorption k_g, characterizing the rate of mass transfer through the diffusion layer of
(Chemistry--Physical, TT, v. 11, no. 4) (over)

TT-63-20164

I. Pozin, M. E.
II. Title: Criterial...

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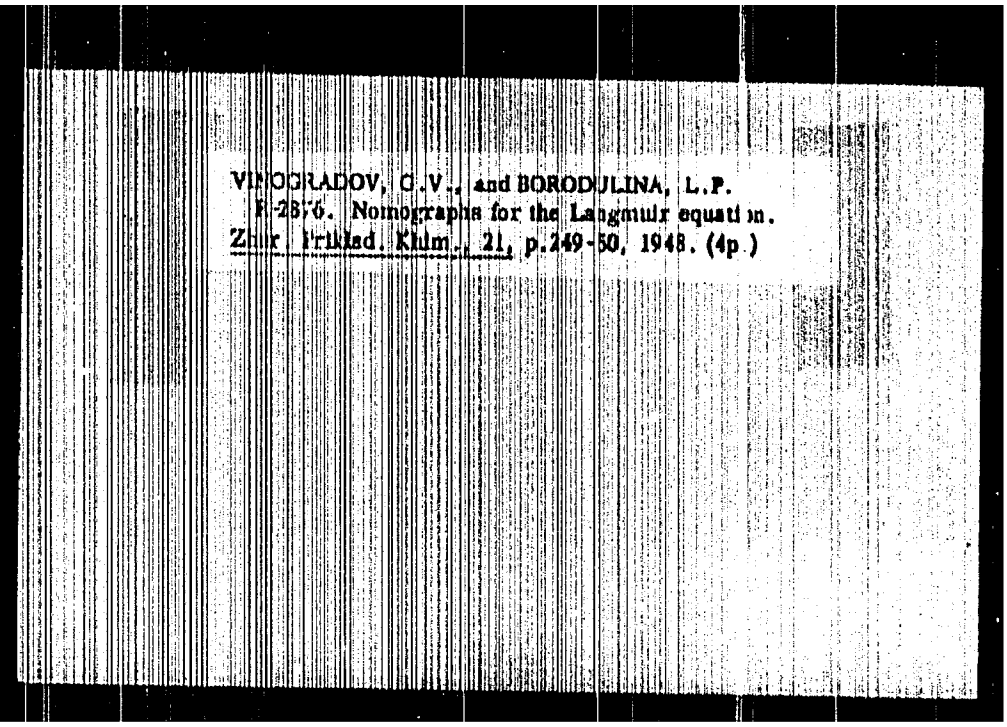

VINOGRADOV, G.V., and BORODULINA, L.P.
F-2876. Nomographs for the Langmuir equation.
Zhur. Prikład. Khim., 21, p.249-50, 1948. (4p.)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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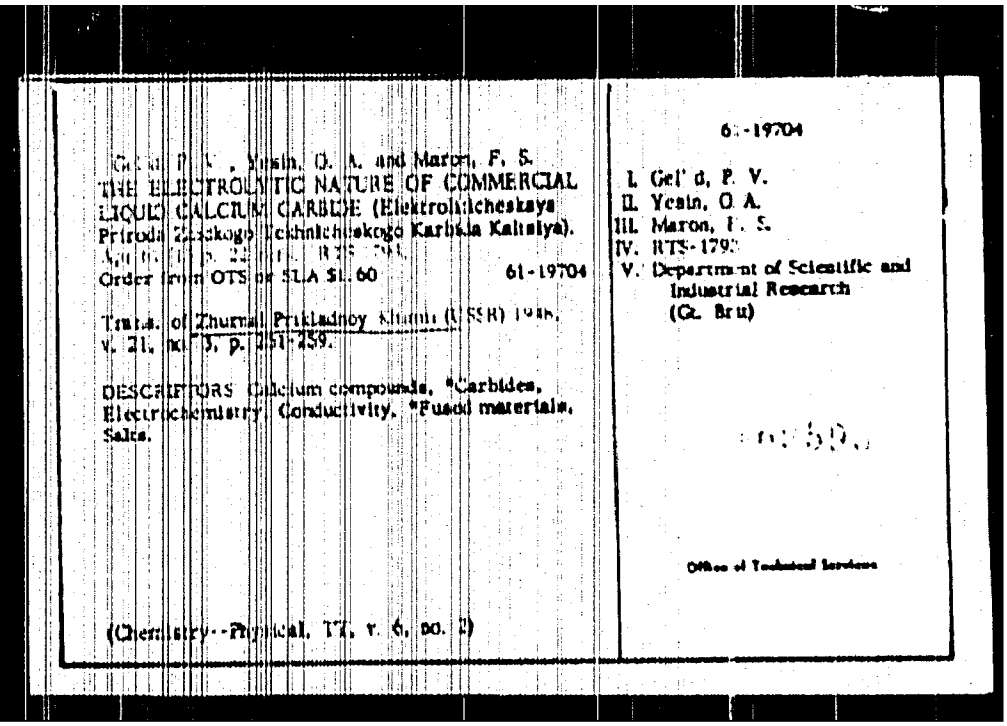

Gel'd, P. V., Yesin, O. A. and Maron, F. S.
THE ELECTROLYTIC NATURE OF COMMERCIAL LIQUID CALCIUM CARBIDE (Elektroliticheskaya Priroda Zhidkogo Tekhnicheskogo Karbida Kaltsiya).
A.D. [illegible] p. 22 [illegible] RTS-[illegible]
Order from OTS at SLA $1.60 61-19704

Trans. of Zhurnal Prikladnoy Khimii (USSR) 1948, v. 21, no. 3, p. 251-259.

DESCRIPTORS: Calcium compounds, *Carbides, Electrochemistry, Conductivity, *Fused materials, Salts.

(Chemistry--Physical, TX, v. 6, no. 2)

61-19704

I. Gel'd, P. V.
II. Yesin, O. A.
III. Maron, F. S.
IV. RTS-1793
V. Department of Scientific and Industrial Research (Gt. Brit)

Office of Technical Services

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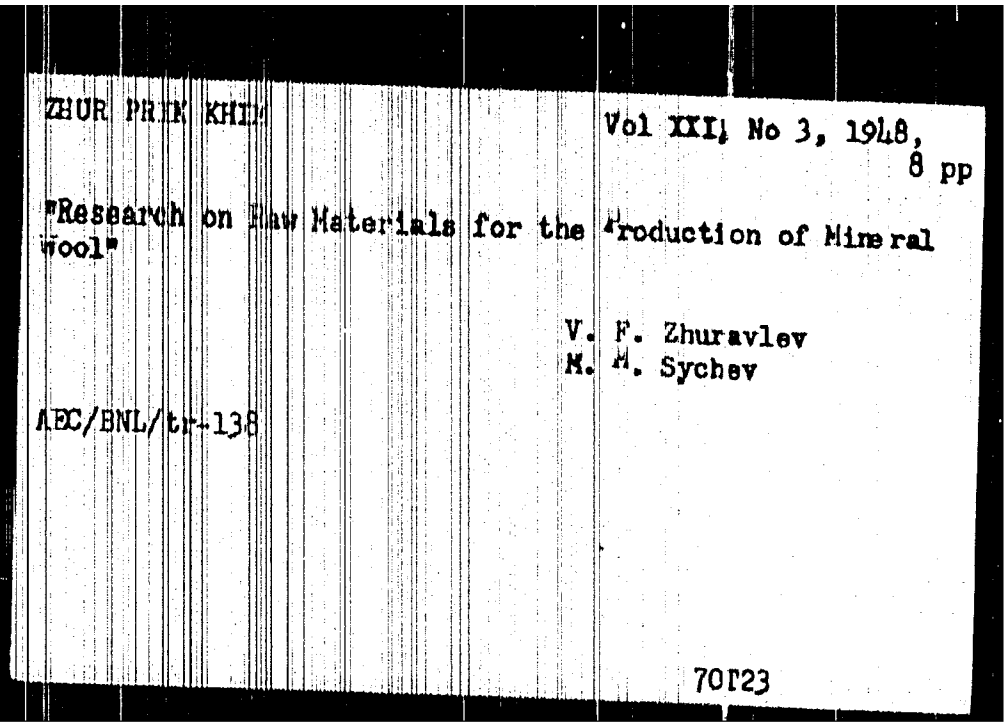

ZHUR PRIK KHIM Vol XXI, No 3, 1948, 8 pp

"Research on Raw Materials for the Production of Mineral Wool"

V. F. Zhuravlev
M. M. Sychev

AEC/BNL/tr-138

70123

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Synthetic Carbamide from Ammonia and Carbon Dioxide, by G. A.Yakovkin, 14 pp.

RUSSIAN, sr, Zhur Prik Khim, Vol I, 1928, pp 70-77.

SLA R-2921

Sai

Jul 59

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Barium Process of Manufacturing Alumina from Bauxites and Aluminum Silicates Rich in Silica, by O. O. Urazov and A. V. Chitayev, 23 pp.

RUSSIAN, per, Zhur Prik Khim, Vol I, 1928, pp 95-109.

SLA R-2292

Sci

Aug 58

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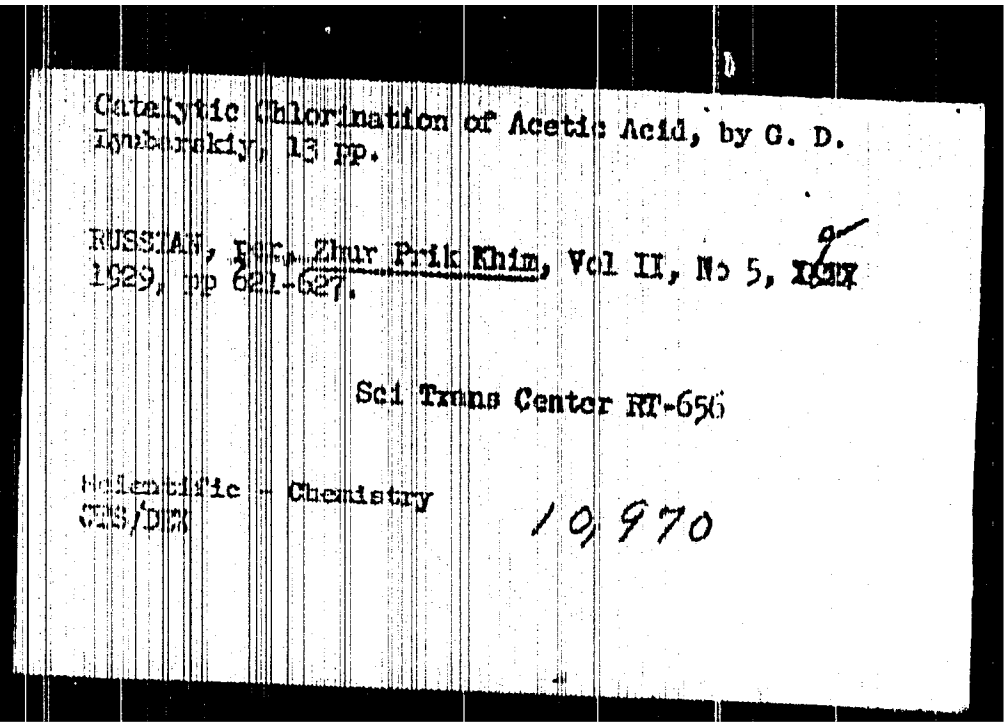

Catalytic Chlorination of Acetic Acid, by G. D. Tyabotskiy, 13 pp.

RUSSIAN, Pub. Zhur Prik Khim, Vol II, No 5, 1929, pp 621-627.

Sci Trans Center RT-656

Heterocyclic - Chemistry
CIS/DIA

10,970

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

The Flow Pressure of Metals and Their Alloys at Different Temperatures, by V. P. Shishokin.

Full translation.

RUSSIAN, no per, Zhur Prik Khim, Vol II, No 6, USSR, 1929, pp 663-673.

RE: Tr 150

Scientific - Minerals, metals, chemistry, alloys

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Polymerization and Solubility of Phosphates, by S. B. Dreganov, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol III, 1930, pp 797-805.

SLA R-2813

Sec

Jul 59

91,410

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Electrolytic Production of Potassium Permanganate, by V. P. Il'inskiy, N. I. Izgiy, 25 pp.

RUSSIAN, per, Zhurnal Prikladnoi Khimii, Vol III, No 7, 1930, pp 981-995.

Sci Tr Center RT 3604

36,454

Chemistry

Jun 56 CHB

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Investigation on the Preparation of Liquid Gold,
by V. E. Tishchenko, S. A. Smirnov.

RUSSIAN, per, Zhur Prik Khim, Vol III, No 7,
1930, pp 1041-1054.

HLL RTS 1948

Sci - Chem

Aug 62

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Volumetric Determination of Carbonates of Alkaline Earth Metals, by A. V. Filosofov, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol IV, 1931, pp 532-534.

SLA R-2491

72 805

551

Aug 58

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Precipitation of Magnesium Chloride from Hydrochloric Acid Solutions, by A. P. Chukhov, V. P. Lavrov, 8 pp.

RUSSIAN, pvr, Zhur Prik Khim, Vol. XV, 1931, pp 994-1001.

ILA R-3342

Sci

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Solubility of Sodium Carbonate and Sodium Sulfate in Various Concentrations of Sodium Hydroxide at Various Temperatures, by G. V. Prikhod'ko.

RUSSIAN, mo per, Zhur Prik Khim, Vol V, 1932, pp 31-33.

Assoc Tech Sv RJ-264
$4.40

27,722

Scientific - Chemistry
CFS 73/Oct 1955

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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The Absorption of Silicon Tetrafluoride on Sodium Fluoride, by V. S. Yatlov, I. G. Ryss, 22 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol V, No 3/4, 1932, pp 332-343.

Sci Tr Center RT-2788

Scientific - Chemistry
Dec 55 CTS/DEX

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61-25128

Novakovskii, M. S.
DETERMINATION OF HEAT CAPACITIES OF LIQUIDS OF THE AMMONIA-SODA PROCESS. [1961] 3p.
Order from: ILS $2.50

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1932, v. 5, p. 344-346.

DESCRIPTORS: Sodium compounds, Carbonates, Production *Solvay process, Analysis.

(Unannounced)

I. Novakovskii, M. S.
II. Sox, Erica, Akron, Ohio

184182

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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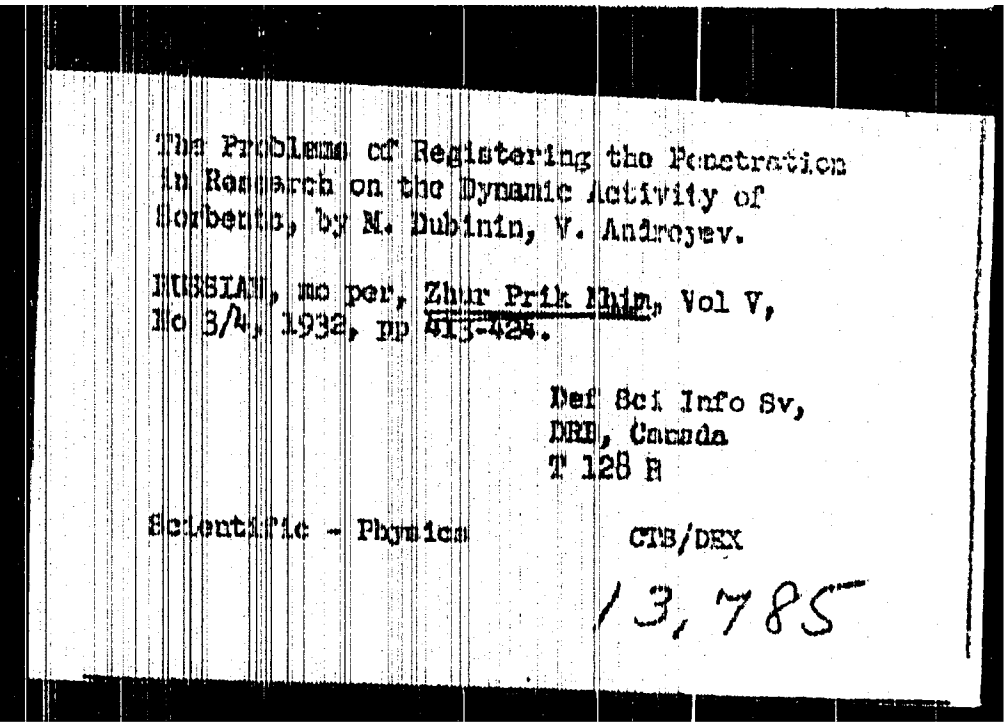

The Problems of Registering the Penetration
in Research on the Dynamic Activity of
Explosives, by M. Dubinin, V. Andrejev.

[illegible], no per, Zhur Prik Khim, Vol V,
No 3/4, 1932, pp 413-424.

Def Sci Info Sv,
DRB, Canada
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Scientific - Physics

CTB/DEX

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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Oxidation of Phosphorous Acid, by L. M. Bushmakin, P. I. P. Mol[illegible]n, P. Y. Nechinskiy, 19[illegible]p.

RUSSIAN, or, Zhur Prik Khim, Vol V, 1932, pp 557-566.

SLA R-2980

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Purification of Hydrogen Containing Phosphine Under Pressure, by I. M. Bushmakin, M. V. Ryankov, 12 pp.

RUSSIAN, per, Zhur Prik Khim, Vol V, 1932, pp 705-714.

SLA R-2982

Sci

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

The Corrosion of Metals and Alloys by Phosphoric Acid and Phosphorus. by V. Ryabkov, I. N. Bushmakin, 7 pp.

RUSSIAN. per. Zhur Prik Khim, Vol V, 1932, pp 715-721.

SLA R-2871

S
Sci

Jul 59

95, 778

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Zelinskii, N. D. and Kozlov, N. S.
DECOMPOSITION OF NATURAL AND SYNTHETIC RUBBER IN THE PRESENCE OF ALUMINUM CHLORIDE. [196-] 8p 8refs
Order from OTS, SLA, or BTC $1.10 TT-61-16813

Condensed transl. of Zhurnal Prikladnoi Khimii (USSR) 1933. v. 6, [no.] p. 36-44.

DESCRIPTORS: *Rubber, *Synthetic rubber, Decomposition, Aluminum compounds, Chlorides, Hydrocarbons, Polymerization.

(Engineering--Chemical, TT, v. 11, no. 3)

TT-61-16813

I. Zelinskii, N. D.
II. Kozlov, N. S.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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Equilibrium in the System Na_2SiFe-NaCl-H_2O, by V.K. Andreev, S. F. Chrikov, 6 pp.

[illegible], Zhur Prik Khim, Vol VI, No 2, 1933, pp 224-227.

GLA R-2814

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Purification of Hydrogen Used in Ammonia Synthesis by Removing Hydrogen Sulfide With Activated Charcoal, by V. F. Pontnikov, I. P. Kirillov

RUSSIAN, per, Zhur Prik Khim, No 6, pp [illegible] 240-244, 1933.

ABC-TR-1533

Scientific - Chemistry

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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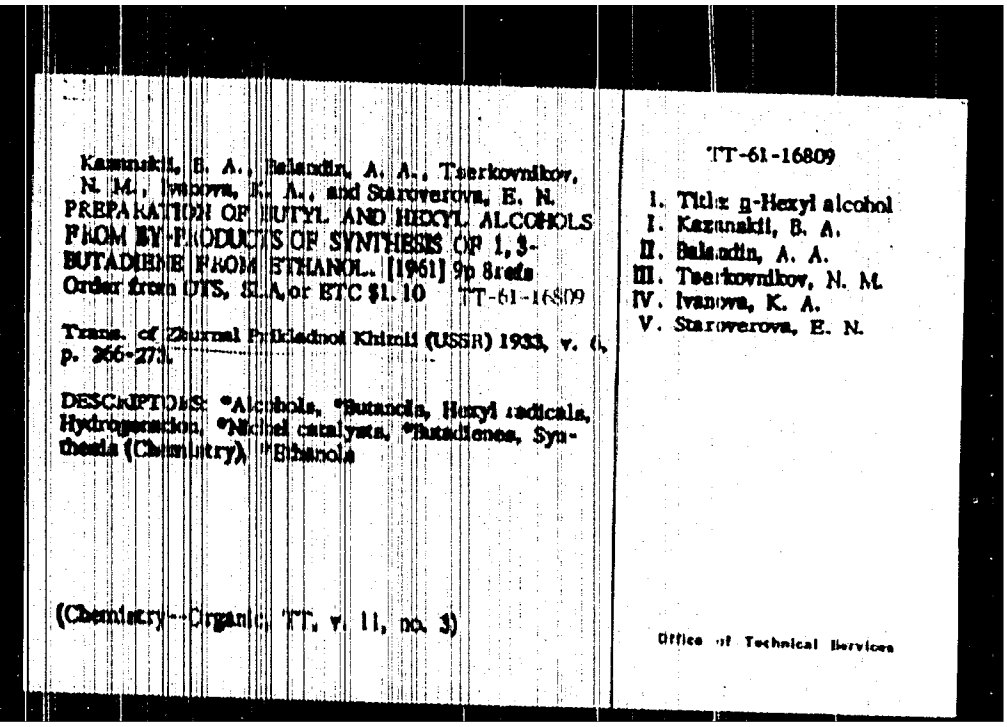

Kazanskii, B. A., Balandin, A. A., Tsarkovnikov, N. M., Ivanova, K. A., and Staroverova, E. N.
PREPARATION OF BUTYL AND HEXYL ALCOHOLS FROM BY-PRODUCTS OF SYNTHESIS OF 1,3-BUTADIENE FROM ETHANOL. [1961] 9p 8refs
Order from OTS, U.S.A. or ETC $1.10 TT-61-16809

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1933, v. (, p. 266-271.

DESCRIPTORS: *Alcohols, *Butanols, Hexyl radicals, Hydrogenation, *Nickel catalysts, *Butadienes, Syntheses (Chemistry), *Ethanols

(Chemistry--Organic, TT, v. 11, no. 3)

TT-61-16809

I. Title: n-Hexyl alcohol
I. Kazanskii, B. A.
II. Balandin, A. A.
III. Tsarkovnikov, N. M.
IV. Ivanova, K. A.
V. Staroverova, E. N.

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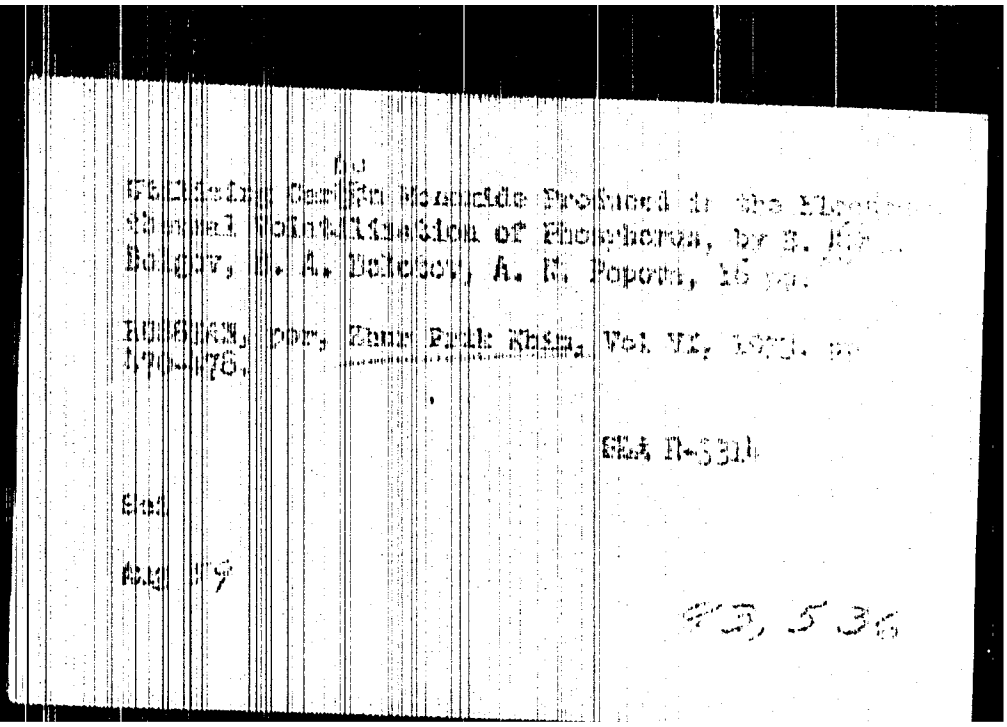

[illegible] Certain Biocides Produced in the Electro-
chemical Hydrolysis of Phosphorus, by S. [illegible]
Dolgov, M. A. Dolgov, A. N. Popova, 16 pp.

Khim. Prom., Khim. Prom. Ukr., Vol VI, 1973, pp
[illegible]-476.

EEA B-5314

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#3,536

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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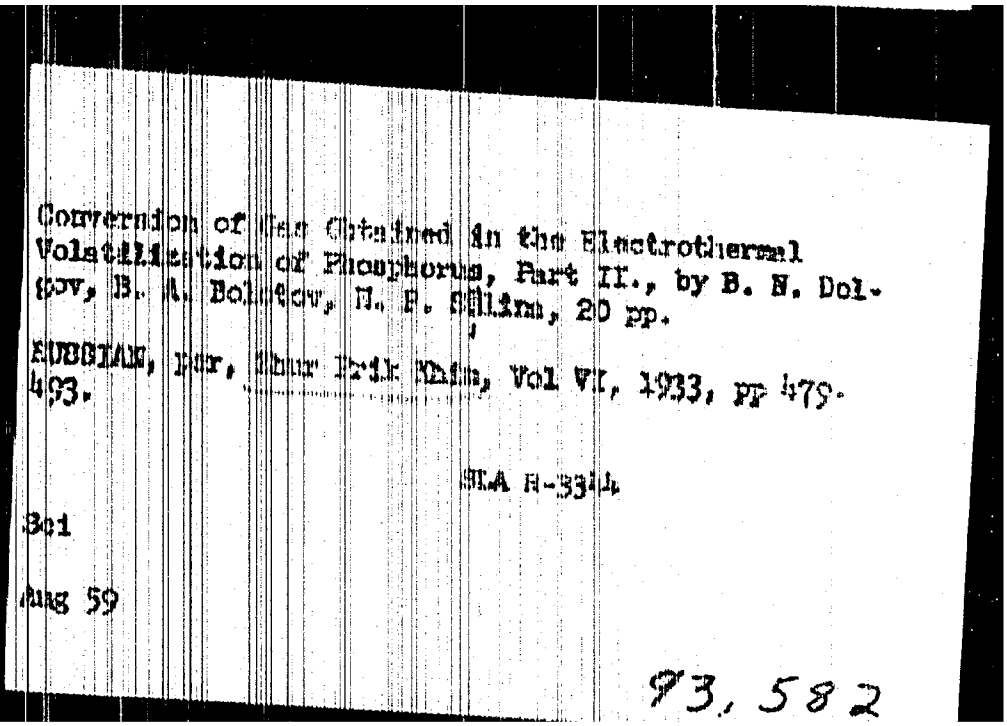

Conversion of Heat Obtained in the Electrothermal Volatilization of Phosphorus, Part II., by B. N. Dolgov, B. A. Bolshov, N. F. Shilina, 20 pp.

RUSSIAN, Zur. Prik. Khim., Vol VI, 1933, pp 479-493.

NSA N-3314

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Aug 59

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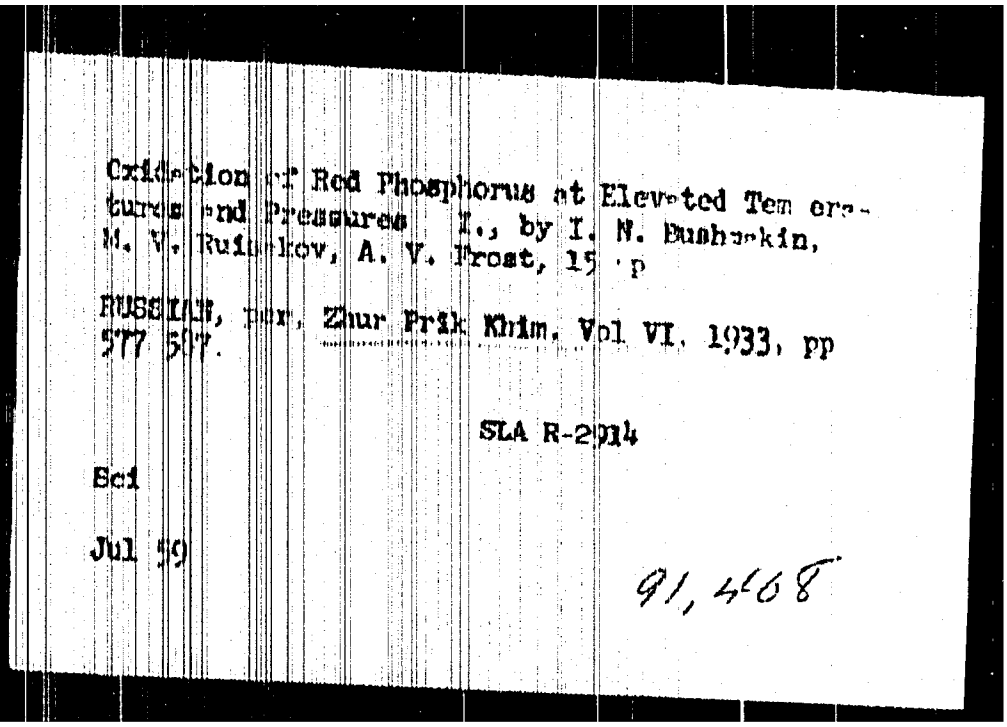

Oxidation of Red Phosphorus at Elevated Temperatures and Pressures I., by I. N. Bushkin, M. V. Rubinov, A. V. Frost, 15 p

RUSSIAN, Per, Zhur Prik Khim, Vol VI, 1933, pp 577 587.

SLA R-2914

Sci

Jul 59

91,468

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Oxidation of Yellow Phosphorus with Water at Elevated Temperatures and Pressures, byI. N. Bushmakin, M. V. Ruisakov and A. V. Frost, 23 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VI, 1933, pp 588-606.

SLA R-2303

Sci

Aug 58

72,121

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

Oxidation of Phosphine with Water Under Pressure, by I. F. Bushmakin, A. V. Frost, 10 pp.

RUSSIAN, per, Zhur. Prik. Khim, Vol VI, 1933, pp 607-612.

AEC-tr-19 1795

11,068

Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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Production of Chlorinated Derivatives From Cracked Gases, by A. F. Dobryanskiy, R. A. Gutman, M. K. Shchigol'skaya, 14 pp.

RUSSIAN, pub, Zhur Prik Khim, Vol VI, 1933, pp 1133-1139.

TT-54-17565

Sci Trans Center
RT-1577

14,660

Scientific - Chemistry Dec 54 CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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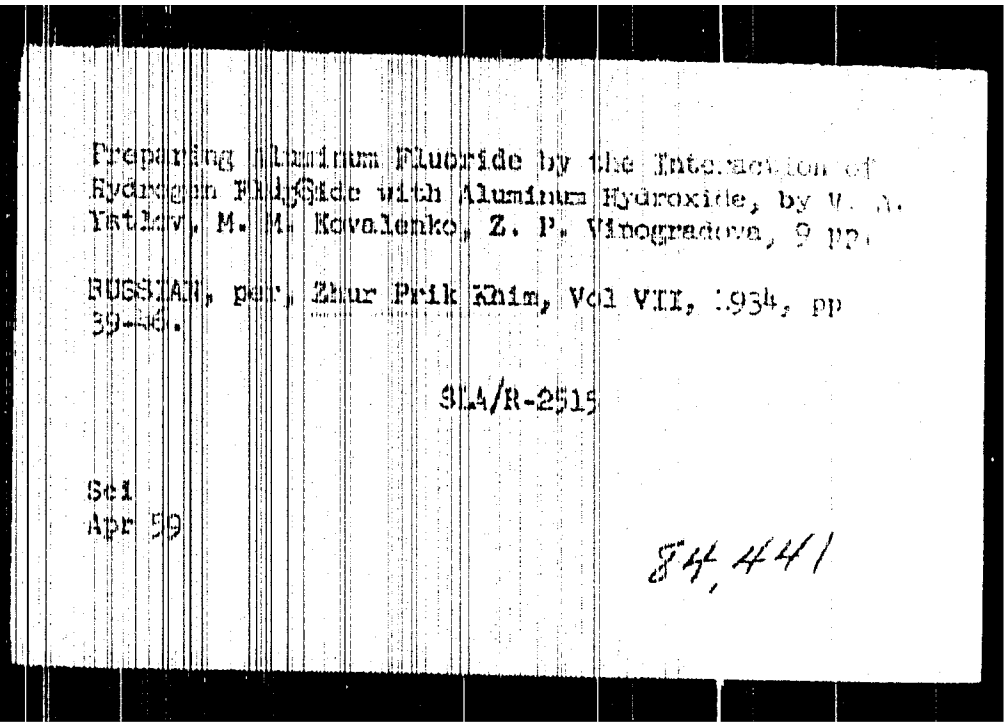

Preparing Aluminum Fluoride by the Interaction of Hydrogen Fluoride with Aluminum Hydroxide, by V. A. Yatlov, M. M. Kovalenko, Z. P. Vinogradova, 9 pp.

RUSSIAN, per, Zhur Prik Khim, Vol VII, 1934, pp 39-46.

SLA/R-2515

Sel
Apr 59

54,441

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301660075-0

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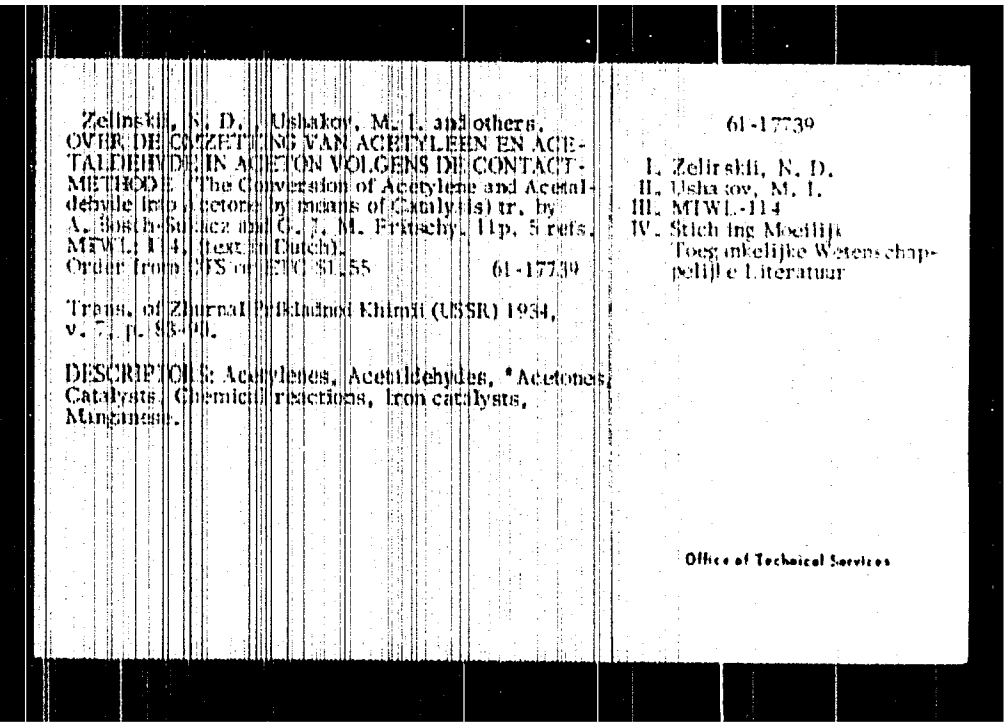

Zelinskii, N. D., Ushakov, M. I. and others.
OVER DE OMZETTING VAN ACETYLEEN EN ACETALDEHYDE IN ACETON VOLGENS DE CONTACTMETHODE. [The Conversion of Acetylene and Acetaldehyde into Acetone by means of Catalysts] tr. by A. Bosch-Sobinez and C. J. M. Fritschy. 11p. 5 refs. MTWL: 114. (text in Dutch).
Order from OFS or OTS $1.55 61-17739

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934, v. 7, p. 85-90.

DESCRIPTORS: Acetylenes, Acetaldehydes, *Acetones, Catalysts, Chemical reactions, Iron catalysts, Manganese.

61-17739

I. Zelinskii, N. D.
II. Ushakov, M. I.
III. MTWL-114
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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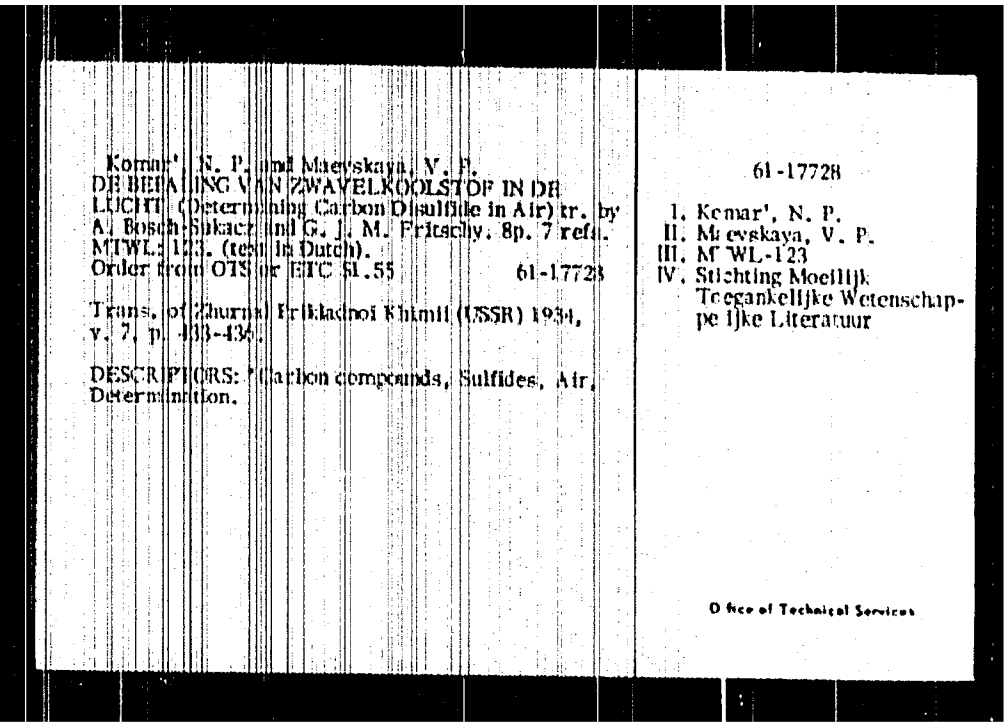

Komar', N. P., and Matevskaya, V. P.
DE BEPALING VAN ZWAVELKOOLSTOF IN DE LUCHT (Determining Carbon Disulfide in Air) tr. by A. Bosch-Sikkes and G. J. M. Fritschy. 8p. 7 refs. MTWL: 123. (text in Dutch).
Order from OTS or ETC $1.55 61-17728

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1934, v. 7, p. 433-436.

DESCRIPTORS: *Carbon compounds, Sulfides, Air, Determination.

61-17728

1. Komar', N. P.
II. Matevskaya, V. P.
III. MTWL-123
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

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